



Fallingwater

# workshops

developed with the support of the Buhl Foundation

**Fallingwater and Architecture Explorations at Carnegie Mellon University have teamed up to offer workshops that will enhance the experience of students visiting Frank Lloyd Wright's masterpiece. Our interactive workshops address academic standards in different subject areas, providing students with the opportunity to learn more about Fallingwater each time they visit. Workshops are offered on-site at Fallingwater OR offered at your school as a pre-visit or post-visit experience.**

## **poetry sleuth** grades 3-4 reading and writing, history (PA 1.8, 8.2)

Touch construction materials, look at historical photographs, and read letters from Frank Lloyd Wright. Students will sleuth through data to collect information about the people, places, and architecture of Fallingwater – including poetry that inspired the architect. Using their detective notes, students will write their own poems about Fallingwater.

## **terrace tabulations** grades 5-6 math (PA 2.2, 2.3)

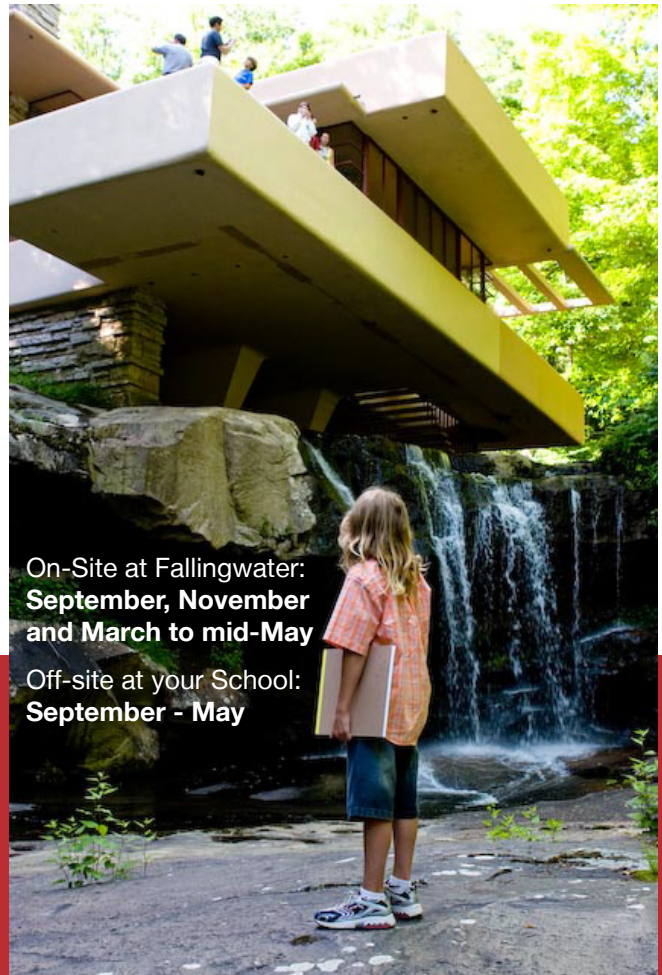
Explore the many terraces at Fallingwater. First, experiment in the classroom to learn about measurement and scaled architectural drawings. Then jump onto Fallingwater's terraces, estimating and measuring areas and perimeters using floor plans. Figure out fun ways to calculate Fallingwater facts!

## **holding up fallingwater** grades 7-8 science (PA 3.2, 3.6.C)

From simple beams to cantilevers, Fallingwater is the perfect place to explore structural principles. Students will experiment with basic structural elements (e.g. beams) to understand how form and material influence strength before designing their own cantilever. The workshop culminates as students test their cantilever designs for structural stability, while discussing the strengths and weaknesses of each design.

Contact Amy Kifer at Fallingwater to schedule a tour and workshop by email [akifer@paconserve.org](mailto:akifer@paconserve.org) or by phone **724-329-1441 x1201**.

For **workshops**, rates are \$4/student when also scheduling a tour (\$8/student without tour). Workshops at your school may be subject to mileage.



On-Site at Fallingwater:  
**September, November  
and March to mid-May**

Off-site at your School:  
**September - May**

## **the art of design** high school arts and humanities (PA 9.1, 9.4.A)

What inspired Frank Lloyd Wright? Explore some of the concepts behind the architecture of Fallingwater. Students will work together to design an observation platform that incorporates these themes with their own ideas. The class will discuss how design philosophies are evident in the models the students build.

## **fallingwater tales & truths** high school reading and writing (PA 1.4, 1.6)

In this interactive workshop, student teams will each find out a little-known Fallingwater fact. Students will write fiction and non-fiction accounts that relate to the fun fact, using logic and details to make the fictional stories believable. Teams will present their tales and truths to the class, in an attempt to outwit their classmates – or possibly an architectural historian.

For **tours**, there is a minimum of 10 students for group rate: \$6/student (weekends \$8). School groups must be accompanied by one adult for every 12 students. Chaperones receive free tours. Any additional adults above the required number of chaperones will pay adult group rates.